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| <b>Application</b> | Nia |
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Examin r

Applicant(s)

ANTONIOU ET AL.

Art Unit

Anne-Marie Falk, Ph.D.

1632

| į | 1 | Rejected |
|---|---|----------|
| i | = | Allowed  |

| - | (Through numeral)<br>Cancelled |
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Restricted

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| Cla       | aim        |          |          |          | 1  | Dat  | е            |              |  |                  |   | Cla         | aim      |            |          |          |          | )<br>Da  |
|-----------|------------|----------|----------|----------|--|--|--------------|--------------|--|------------------|---|-------------|----------|------------|----------|----------|----------|----------|
|           |            | 7,03     |          |          |  |  | Ī            |              |  |                  |   |             |          | ,/03       |          |          |          |          |
| Final     | Original   | 10/27/03 |          |          |  |  |              |              |  |                  |   | Final       | Original | 10/27/03   |          |          |          |          |
|           |            |          |          |          |  |  |              |              |  |                  |   |             | 51<br>52 | V          |          |          |          |          |
|           | 2          |          |          |          |  |  | <u> </u>     |              |  | L                |   |             | 52       | =          |          | Ш        |          | L        |
|           | 3          |          |          |          |  | <u> </u>   |              |              |  | _                |   |             | 53       | =          |          |          | _        | L        |
|           | 1          |          |          | <u> </u> | _  | <u> </u>   | 1            | 1_           | _  |                  |   |             | 54       | =          |          |          | <u> </u> | L        |
| $\vdash$  | 4          |          |          |          | _  | <u> </u>   | ļ            | ļ            | L_   |                  | ļ | L           | 55       |            | _        |          |          | L        |
|           | 4          |          |          |          | ļ  |  | -            | 1            | -  | <u> </u>         |   | <u> </u>    | 56       |            | _        |          | -        | -        |
| <u> </u>  | 7          | ļ.,      | _        |          | _  |  | -            | -            | -  |                  |   |             | 57       |            | <u> </u> |          |          | ┞        |
|           | 8          | Н        |          | $\sqcup$ | _  |  | ├            |              | -  | <b>└</b> ─       |   |             | 58       | -          | $\dashv$ | -        |          | ┞        |
| <u></u> - | 9<br>10    |          |          |          |  | <del> </del>                                     | -            |              | _  | -                |   |             | 59<br>60 | -          |          | -        |          | ┝        |
| $\vdash$  | 1)         | $\vdash$ |          |          | -  | -  | <u> </u>     | ├            | ├  |                  | l | $\vdash$    | 61       | $\vdash$   | $\vdash$ | Н        |          | ┝        |
| -         |            | -        |          | _        |  | ╁  | $\vdash$     | ╁            | -  | ┢╌               | l |             | 62       | $\vdash$   | -        |          | -        | t        |
| $\vdash$  | 12<br>13   | $\vdash$ | $\vdash$ |          |  | $\vdash$   | $\vdash$     | t            | <del>                                     </del> | -                |   | <del></del> | 63       | -          | $\vdash$ |          |          | t        |
|           | 14         |          | -        | _        | $\vdash$   | $\vdash$   | $\vdash$     | T            | $\vdash$   | Г                | ĺ |             | 64       | $\vdash$   | -        | $\vdash$ |          | t        |
|           | 15         | $\Box$   |          |          |  | $\vdash$   | 1            | T            | <del>                                     </del> | $\vdash$         |   |             | 65       | П          |          |          |          | Γ        |
| $\Box$    | 16         |          |          |          |  |  | Г            |              | 1  |                  |   |             | 66       | П          |          |          |          | Γ        |
|           | 11         |          |          |          |  |  |              |              |  |                  |   |             | 67       |            |          |          |          |          |
|           | 18         |          |          |          |  |  |              |              |  |                  |   |             | 68       |            |          |          |          |          |
|           | 19         |          |          |          |  |  |              |              |  |                  |   |             | 69       |            |          |          |          | Ĺ        |
|           | 20         |          |          |          | <u> </u>   |  | _            | <u> </u>     | $oxed{oxed}$                                     |                  |   |             | 70       |            | <u> </u> |          |          | L        |
|           | 21         | Ш        | Ш        | _        | _  | _  | <u> </u>     | <u> </u>     | _  | <b> </b>         |   |             | 71       | lacksquare | <u> </u> | Ш        |          | L        |
|           | 22         |          |          | _        |  | <u> </u>   | _            |              |  | $\sqcup$         |   |             | 72       | _          | Н        |          |          | L        |
| ļ         | 28         |          |          | _        | <u> </u>   | _  | ļ            | <u> </u>     | <u> </u>   | L                |   |             | 73       |            |          | Ш        |          | L        |
|           | 24         | Н        |          |          | _  | ┞  | ┞            | ⊢            | ├  | -                |   |             | 74       | $\vdash$   |          | Н        |          | -        |
| <u> </u>  | 2 <b>5</b> | =        | -        | _        | -  |  | ⊢            | ╁            | -  |                  | } | -           | 75<br>76 | <u> </u>   |          |          | _        | ┝        |
| <u> </u>  | 27         | =        |          |          |  | -  | ╁            | ╁            | $\vdash$   | ├                | ł | ļ           | 77       | ⊢          | <u> </u> |          |          | ╁        |
|           | 28         | _        |          |          | $\vdash$   | -  | <del> </del> | <del> </del> | ╁  | ├-               | l |             | 78       | $\vdash$   | -        | -        |          | ╁        |
|           | 29         | -        |          | _        | $\vdash$   |  | -            | -            | <del> </del>                                     | -                | ĺ |             | 79       | $\vdash$   |          |          |          | r        |
|           | 30         | =        | Н        |          | -  | $\vdash$   | $\vdash$     | <u> </u>     | -  | $\vdash$         |   |             | 80       | $\vdash$   | Н        |          | -        | H        |
|           | 31         | =        | $\vdash$ |          |  | <del> </del> Τ                                   |              |              |  | _                |   |             | 81       | -          |          |          |          | T        |
|           | 32         | =        | Н        | 7        |  | 1  | <u> </u>     |              | !-   | $\vdash$         |   |             | 82       | <b>T</b>   | $\vdash$ |          |          | 1        |
|           | 33         | =        | П        | Γ        | <u> </u>   |  |              |              | Ι-   | Г                | ] |             | 83       | Ι          | Γ_       |          |          | I        |
|           | 34         | =        |          |          |  |  |              |              |  |                  |   |             | 84       |            |          |          |          |          |
|           | 35         | =        |          |          |  |  |              |              |  |                  |   |             | 85       |            |          |          |          |          |
|           | 36         | =        |          |          |  |  | L            | $\Box$       |  |                  |   |             | 86       |            |          |          | L        | Ĺ        |
|           | 37         | =        | Щ        | L        |  | L.   | L            | <u> </u>     | _  | <u> </u>         |   | ļ           | 87       | L.,        | ļ        | Щ        | _        | 1        |
|           | 38         | =        | Щ        |          | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     | _  | <b>_</b> _       |   |             | 88       | ļ          | Щ        |          |          | L        |
| <u> </u>  | 39         | = '      |          | -        | -  | -  | 1            | 1            |  | <u> </u>         |   | <b></b>     | 89       |            |          | <u> </u> | -        | 1        |
|           | 40         | =        | -        | -        | _  | L  | ⊢            | -            | -  | ⊢-               |   |             | 90       | ├          |          | <u> </u> | -        | ╀        |
| -         | 41         | =        |          | <u> </u> | $\vdash$   | $\vdash$   | -            | $\vdash$     | ├  |                  | - |             | 91       | -          | -        | $\vdash$ | -        | $\vdash$ |
|           | 42         | =        | -        | _        |  |  | $\vdash$     | $\vdash$     | $\vdash$   | <del>  -</del>   |   | <u> </u>    | 92<br>93 | -          | $\vdash$ |          | <u> </u> | +        |
|           | 43         | =        | -        | _        | $\vdash$   | <del>  -</del>                                   | $\vdash$     | +            | $\vdash$   | $\vdash$         |   |             | 94       | 1          |          |          | -        | +        |
| -         | 45         | =        | H        |          | -  | +-   | $\vdash$     | ├            | $\vdash$   |                  |   | _           | 95       |            |          | $\vdash$ | ├─       | $\vdash$ |
| ├─┤       | 45         | =        | Н        | _        | $\vdash$   | $\vdash$   | t            | <del> </del> | -  | <del>  -</del> - |   |             | 96       | $\vdash$   | Н        | $\vdash$ | $\vdash$ | +        |
| <b>-</b>  | 47         | =        |          | _        | -  | <del>  -</del>                                   | $\vdash$     | $\vdash$     | +-   | $\vdash$         | İ | <u> </u>    | 97       | +-         | ┝        |          | _        | t        |
| <b> </b>  | 48         | =        | Н        | _        | <del>                                     </del> |  | $t^-$        | 1            |  | $\vdash$         | 1 | <u> </u>    | 98       | -          | $\vdash$ | -        | -        | t        |
| $\vdash$  | 49         | =        |          |          |  | <del>                                     </del> |              |              |  |                  |   |             | 99       |            | $\vdash$ |          |          | T        |
| <b>-</b>  | 50         | V        |          |          | Γ  |  | 1            | 1            | T  |                  | 1 |             | 100      | Г          | $\vdash$ | Ι        |          | T        |

| Cla   | aim      |              |            |              |          | Date     | <br>e    |              | _        |            |
|-------|----------|--------------|------------|--------------|----------|----------|----------|--------------|----------|------------|
|       |          |              |            |              |          |          |          |              |          |            |
| Final | Original | 10/27/03     |            |              |          |          |          |              |          |            |
|       |          | _            |            |              |          |          | <u> </u> |              |          |            |
|       | 51<br>52 | ٧            | _          |              | _        |          |          |              |          |            |
|       | 52       | =            |            |              |          |          |          |              |          |            |
|       | 53       | =            |            |              |          |          |          |              |          |            |
|       | 54       | =            |            |              |          |          |          |              |          |            |
|       | 54<br>55 |              |            |              |          |          |          |              |          |            |
|       | 56       |              | Т          |              |          |          |          |              |          |            |
|       | 56<br>57 |              |            |              |          |          |          |              |          |            |
|       | 58       |              | ]          |              |          |          |          |              |          |            |
|       | 59       |              |            |              |          |          |          |              |          |            |
|       | 59<br>60 |              |            |              |          |          |          |              | Т        |            |
|       | 61       | Г            |            |              |          |          |          |              |          |            |
|       | 61<br>62 | $\vdash$     | _          |              |          |          |          |              |          |            |
|       | 63       |              | Γ          |              |          |          |          |              |          |            |
|       | 64       |              |            |              |          |          |          |              |          |            |
|       | 64<br>65 |              |            |              |          |          |          |              |          |            |
|       | 66       | П            |            |              |          |          |          |              |          |            |
|       | 67       |              | _          |              |          |          |          |              |          |            |
|       | 68       |              |            |              |          |          |          | $\neg$       |          | i          |
|       | 69       |              | Г          |              |          |          |          |              | _        |            |
|       | 69<br>70 | -            | Ι-         |              | _        |          |          |              | $\vdash$ |            |
|       | 71       |              | ╌          |              |          |          | $\vdash$ |              |          |            |
|       | 72       |              | -          |              |          |          |          |              | _        |            |
|       | 72<br>73 |              | _          |              |          |          |          |              | Т        |            |
|       | 74       |              | ]          |              |          | _        |          |              | _        |            |
|       | 75       |              |            |              |          |          |          |              |          |            |
|       | 76<br>77 |              |            |              |          |          |          |              | [_       |            |
|       | 77       |              |            |              |          |          |          |              |          |            |
|       | 78       |              | Ĺ_         |              |          |          |          |              |          |            |
|       | 79       |              |            |              |          |          |          |              |          |            |
|       | 80       |              |            |              |          |          |          |              |          |            |
|       | 81       |              |            |              |          |          |          |              | _        | L          |
|       | 82       |              |            |              |          |          |          |              | _        | <u> </u>   |
|       | 83       |              | Ĺ          | L            |          |          |          |              |          | L          |
|       | 84       |              | Ĺ          | L            |          | _        |          |              |          | L          |
|       | 85       |              | <u> </u>   | Ш.           | L        |          |          |              |          |            |
|       | 86       |              | L_         | L_           | L        | <u> </u> | L.       |              | Ļ.,      |            |
| L     | 87       | L            | L          | $oxed{oxed}$ | L        |          | L_       |              | <u> </u> |            |
|       | 88       | L            | Lц         | L            | L        | L        |          | اـــا        | Ļ_,      |            |
|       | 89       |              | <u> </u>   |              |          |          | _        |              |          | <u> </u>   |
|       | 90       |              | L_         | L.           | <u> </u> | <u> </u> | <u> </u> |              | L.       | _          |
|       | 91       | <u> </u>     | L_         | <u> </u>     | <u> </u> | <u> </u> |          |              | ļ        | <u> </u>   |
|       | 92       | _            | <u> </u>   | L            | L        | <u> </u> |          | $oxed{oxed}$ |          | <u> </u>   |
|       | 93       | <u> </u>     | <u>L</u> _ | L            | L        | _        |          | <u> </u>     |          | -          |
|       | 94       | L            | L_         | L_           | L_,      | L        | ļ        |              | ļ        | <u> </u>   |
|       | 95       | $oxed{oxed}$ | Lц         | L_           | Щ        | L_       | L        |              | ļ        | <u> </u>   |
|       | 96       | <u> </u>     | <u> </u>   | _            |          | <u> </u> | _        | L_           |          |            |
|       | 97       | <u> </u>     | L          | <u> </u>     | <u> </u> |          | L.       |              | ļ        | <b> </b> _ |
|       | 98       | _            | <u> </u>   | <u> </u>     | <u> </u> | L_       |          |              | <u> </u> | <b> </b>   |
|       | 99       | <u> </u>     | L_         | L            | <u> </u> | <u> </u> | _        | <u> </u>     |          |            |

| Cli        | aim  | Date     |                |              |          |          |  |                |          |                 |  |  |
|------------|--|----------|----------------|--------------|----------|----------|--|----------------|----------|-----------------|--|--|
| \ '        |  | <u> </u> |                |              |          |          |  | 1              |          |                 |  |  |
| Final      | Original   |          |                |              |          |          |  |                |          |                 |  |  |
| ίĒ         | j.   |          |                |              |          |          |  |                |          |                 |  |  |
|            |  |          | _              | L            |          |          | L                                      |                | L.       |                 |  |  |
|            | 101<br>102   |          | L_             |              | L        | L.       | <u> </u>                               | L              |          |                 |  |  |
|            | 102  |          |                |              |          |          | L                                      |                |          |                 |  |  |
|            | 103  |          | L              | <u> </u>     |          |          | <u>L</u>                               |                | _        |                 |  |  |
| <u> </u>   | 103<br>104<br>105  | _        | <u> </u>       | _            |          | _        | <u> </u>                               | -              | _        |                 |  |  |
| <u> </u>   | 105  | _        | <u> </u>       | <u> </u>     | L.       | _        | <u> </u>                               | <u> </u>       | <u> </u> | L.,             |  |  |
| L          | 106  |          | <u> </u>       | ļ            | _        | <u> </u> | <u> </u>                               |                | <u> </u> |                 |  |  |
|            | 106<br>107<br>108<br>109   |          |                |              |          | <u> </u> | ļ.,                                    | L-             | L        | _               |  |  |
|            | 108  |          | <u> </u>       | <u> </u>     |          |          | <u> </u>                               |                |          |                 |  |  |
|            | 109  |          | -              | <del> </del> |          | ļ        | L                                      |                |          | -               |  |  |
|            | 110  | _        | <del> </del>   | $\vdash$     | $\vdash$ | $\vdash$ | <u> </u>                               | -              | <u> </u> | $\vdash$        |  |  |
| <u> </u>   | 111  | $\vdash$ | $\vdash$       | -            |          | <u> </u> | ├-                                     | <del> </del> — | $\vdash$ | $\vdash$        |  |  |
| <u> </u>   | 112  | -        |                | -            | <u> </u> | -        |  | $\vdash$       |          | $\vdash$        |  |  |
| <u> </u>   | 113  | -        | _              |              | <u> </u> | $\vdash$ |  |                | $\vdash$ | $\vdash$        |  |  |
| <u> </u>   | 115  | _        | _              |              | $\vdash$ | -        | -                                      | -              | -        | $\vdash$        |  |  |
|            | 110<br>111<br>112<br>113<br>114<br>115<br>116<br>117                             | _        | -              | $\vdash$     |          | $\vdash$ | -                                      | _              |          | Н               |  |  |
|            | 110  | _        |                | $\vdash$     |          | -        | <u> </u>                               |                | $\vdash$ |                 |  |  |
| $\vdash$   | 119  |          | ├              | $\vdash$     | -        | $\vdash$ | ├╌                                     |                | _        | $\vdash$        |  |  |
| <u> </u>   | 110  | <u> </u> |                | -            | -        |          | ├-                                     | $\vdash$       |          |                 |  |  |
| <b> </b>   | 120  |          | $\vdash$       |              |          |          | ├-                                     |                | $\vdash$ | $\vdash$        |  |  |
|            | 120  |          |                |              | -        |          |  |                | -        |                 |  |  |
| ·          | 122  | _        |                |              |          |          |  |                |          | $\vdash$        |  |  |
|            | 123  |          | <u> </u>       | <u> </u>     | -        | $\vdash$ | ├-                                     |                |          |                 |  |  |
| $\vdash$   | 124  | _        | -              | $\vdash$     | _        |          |  |                |          |                 |  |  |
| <u> </u>   | 125  | _        | -              | $\vdash$     |          |          | ا                                      |                | $\vdash$ | М               |  |  |
|            | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |          | $\vdash$       |              | _        | T        | _                                      |                | <u> </u> |                 |  |  |
|            | 127  |          | _              |              | Г        |          | _                                      |                |          |                 |  |  |
|            | 128  |          |                |              |          |          |  |                |          | $\vdash$        |  |  |
|            | 129  |          |                |              |          |          |  |                |          |                 |  |  |
|            | 130  |          |                |              |          |          | _                                      |                |          |                 |  |  |
|            | 131  |          |                |              |          |          |  |                |          |                 |  |  |
|            | 132  |          | Г              |              |          |          |  |                |          |                 |  |  |
|            | 132<br>133<br>134  |          |                |              |          |          |  |                |          |                 |  |  |
|            | 134  |          |                |              |          |          |  |                |          |                 |  |  |
|            | 135<br>136<br>137<br>138   |          |                |              |          |          |  | <u> </u>       | L        | L               |  |  |
|            | 136  |          |                |              |          |          | ــــــــــــــــــــــــــــــــــــــ |                |          | $\Box$          |  |  |
| L          | 137  |          | L              | $oxed{oxed}$ |          | _        | L-                                     |                | <u> </u> | Щ               |  |  |
|            | 138  | _        | <u>L</u>       | <u> </u>     |          | ļ        |  |                | L        | $\vdash \dashv$ |  |  |
|            | 139  | <u> </u> |                | <u> </u>     |          | <u> </u> | <u> </u>                               | -              |          | -               |  |  |
|            | 140  | <u> </u> | _              | <u> </u>     | <u> </u> | L-       | <u> </u>                               | <u> </u>       | ļ        | <del> </del>    |  |  |
|            | 141  | -        | <b> </b> _     | <u> </u>     | Ļ        | <u> </u> | <del> </del>                           | <u> </u>       | <u> </u> | <b>├</b> ⊣      |  |  |
| —          | 142  | <u> </u> | $\vdash$       | <u> </u>     | <u> </u> | $\vdash$ |  | ├-             | <u> </u> |                 |  |  |
| <u> </u>   | 143  | <u> </u> | ├—             | <u> </u>     | ļ        | $\vdash$ | <del> </del>                           | _              | <u> </u> |                 |  |  |
| <u> </u>   | 144  | <u> </u> |                | <u> </u>     | $\vdash$ | ├—       | <u> </u>                               |                | <u> </u> | <del> </del> -  |  |  |
| <u> </u> - | 145  | <u> </u> | $\vdash$       | <u> </u>     |          | <u> </u> |  | <u> </u>       | <u> </u> | $\vdash$        |  |  |
| <u> </u>   | 146  | -        | }—             |              | <u> </u> |          | <u> </u>                               | <u> </u>       | $\vdash$ |                 |  |  |
| <u> </u>   | 147  | -        | ├-             | <u> </u>     | <u> </u> | ├        |  | -              | $\vdash$ | ├-              |  |  |
| }          | 148  |          | <del> </del> — | ├-           | <u> </u> | $\vdash$ |  | <u> </u>       |          | $\vdash$        |  |  |
| <b> </b>   | 149  |          | $\vdash$       | ⊢            | <u> </u> | ├        |  | -              | $\vdash$ | -               |  |  |
| L          | 150  | L_       | <u> </u>       | į .          | L        | L        | L                                      |                |          | L               |  |  |